Proposed Maximum Residue Limit PMRL2013-84

Imidacloprid

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Under the authority of the *Pest Control Products Act*, Health Canada's Pest Management Regulatory Agency (PMRA) has concluded that the addition of new uses on crops included in the Leaf petioles subgroup (Crop Subgroup 4B) to the product label of Admire 240 Flowable Systemic Insecticide, containing technical grade imidacloprid, is acceptable. The specific uses approved in Canada are detailed on the label of Admire 240 Flowable Systemic Insecticide, *Pest Control Products Act* Registration Number 24094.

The evaluation of this imidacloprid application indicated that the end-use product has merit and value, and the human health and environmental risks associated with the new uses are acceptable. Details regarding the registration can be found in the corresponding Evaluation Report available in the Pesticides and Pest Management section of Health Canada's website, under Public Registry, Pesticide Product Information Database.[1]

Before registering a pesticide for food use in Canada, the PMRA must determine the quantity of residues that are likely to remain in or on the food when the pesticide is used according to label directions and that such residues will not be a concern to human health. This quantity is then legally established as a maximum residue limit (MRL). An MRL applies to the identified raw agricultural food commodity as well as to any processed food product that contains it, except where separate MRLs are specified for the raw agricultural commodity and a processed product made from it.

Consultation on the proposed MRLs for imidacloprid is being conducted via this document (see Next Steps, the last section of this document).

To comply with Canada's international trade obligations, consultation on the proposed MRLs is also being conducted internationally by notifying the World Trade Organization, as coordinated by the Standards Council of Canada.

The proposed MRLs, to be added to the MRLs already established for imidacloprid, are as follows.

Table 1 Proposed Maximum Residue Limits for Imidacloprid

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Imidacloprid	(2*E*)-1-[(6-chloro-3-pyridyl)methyl]-*N*-nitro-2-imidazolidinimine, including metabolites containing the 6-chloropyridinyl moiety	6.0	Leaf petioles subgroup (Crop Subgroup 4B)

ppm = parts per million

[1] The relevant report can be accessed by selecting Applications/Minor Use/Historical and requesting the Evaluation Report found under Application Number 2009-0632.

MRLs are proposed for each commodity included in the listed crop groupings in accordance with the Residue Chemistry Crop Groups webpage in the Pesticides and Pest Management section of Health Canada's website.

MRLs established in Canada may be found using the Maximum Residue Limit Database on the Maximum Residue Limits for Pesticides webpage. The database allows users to search for pesticide(s) or for food commodity(ies).

International Situation and Trade Implications

The MRLs proposed for imidacloprid in Canada are the same as corresponding American tolerances as listed in the Electronic Code of Federal Regulations, 40 CFR Part 180, by pesticide. Currently, there are no Codex MRLs[2] listed for imidacloprid in or on any commodity included in the Leaf petioles subgroup on the Codex Alimentarius Pesticide Residues in Food webpage.

Next Steps

The PMRA invites the public to submit written comments on the proposed MRLs for imidacloprid up to 75 days from the date of publication of this document. Please forward your comments to Publications (see the contact information on the cover page of this document). The PMRA will consider all comments received before making a final decision on the proposed MRLs. Comments received will be addressed in a separate document linked to this PMRL. The established MRLs will be legally in effect as of the date that they are entered into the Maximum Residue Limit Database.

[2] The Codex Alimentarius Commission is an international organization under the auspices of the United Nations that develops international food standards, including MRLs.